

Duffy, Patricia

From: Duffy, Patricia
Sent: Wednesday, September 29, 2004 3:43 PM
To: STIC-Biotech/ChemLib
Subject: Sequence Search 09/765,271

IN RE: 09/765,271

Please search SEQ ID NOS:55, 56 and oligomers thereof.
Please run the AA sequence of SEQ ID NO:56 against the NA databases.
Please search both the commercial and interference databases.
Please print out top 25 hits in each category.

Thanks.

Patricia A. Duffy, Ph.D.
Art Unit 1645, Remsen 3B05
571-272-0855

STIC-Biotech/ChemLib

133550

From: Duffy, Patricia
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Art Unit 1645, Remsen 3B05
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STAFF USE ONLY

Searcher: _____
Searcher Phone: 2-_____
Date Searcher Picked up: _____
Date Completed: _____
Searcher Prep/Rev. Time: _____
Online Time: _____

Type of Search

NA Sequence: # _____
AA Sequence: # _____
Structure: # _____
Bibliographic: _____
Litigation: _____
Patent Family: _____
Other: _____

Vendors and cost where applicable

STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other(Specify): _____

NiceProt View of TrEMBL: P91742

Entry information

Entry name **P91742**
 Primary accession number **P91742**
 Secondary accession numbers None
 Entered in TrEMBL in Release 03, May 1997
 Sequence was last modified in Release 03, May 1997
 Annotations were last modified in Release 17, June 2001

"expanded search"

Name and origin of the protein

Protein name **Transposase [Fragment]**
 Synonyms None
 Gene name None
 From **Hydra attenuata (Hydra) (Hydra vulgaris) [TaxID: 6087]**
 Taxonomy **Eukaryota; Metazoa; Cnidaria; Hydrozoa; Hydroida; Anthomedusae; Hydridae; Hydra.**

References

- [1] SEQUENCE FROM NUCLEIC ACID.
TRANSPOSON=mariner;
 MEDLINE=97327060;PubMed=9183847
 Robertson H.M.;
 "Multiple Mariner transposons in flatworms and hydras are related to those of insects.";
 J. Hered. 88:195-201(1997).

Comments

None

Cross-references

EMBL	U51185; AAB61389.1; -.
InterPro	IPR001888; Transposase_1.
Pfam	PF01359; Transposase_1; 1. Pfam graphical view of domain structure.
Implicit links to	ProtoMap; PRESAGE; ModBase; SMR; SWISS-2DPAGE; UniRef.

Keywords

None

Features

Key	From	To	Length	Description
NON_TER	1	1		

NON_TER 154 154

Sequence informationLength: **154 AA** [This is the length of the partial sequence]Molecular weight: **18179 Da** [This is the MW of the partial sequence]CRC64: **955FB7091F434F57** [This is a checksum on the sequence]

10	20	30	40	50	60
TIDQKQQRID	DSEQCLELSH	QNRTDFFCRY	ITMDETWLHH	HTPESNRQSA	EWTARDEPTP
70	80	90	100	110	120
KRGKTQQSAG	KFMAVFWDT	HGIIFIDYLE	KGKTINSYY	IALLERLNDE	IAKKRPHLKK
130	140	150			
KKVLFHQDNA	PCHKSMNTML	KLNELGFELL	PHPP		